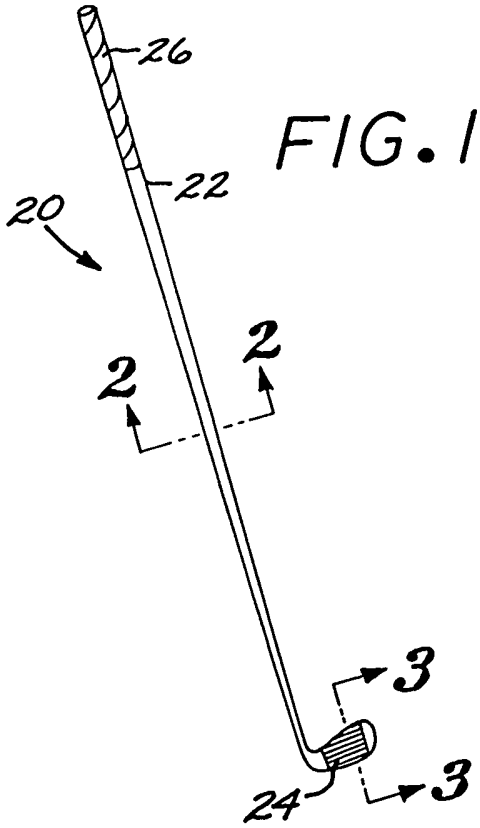


FIG. 1

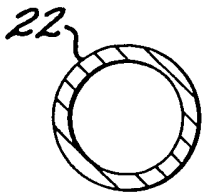


FIG. 2

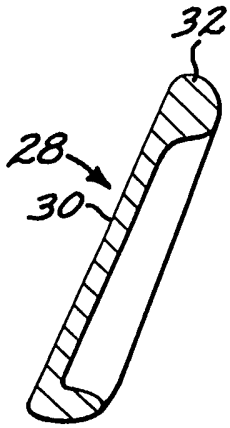


FIG. 3A

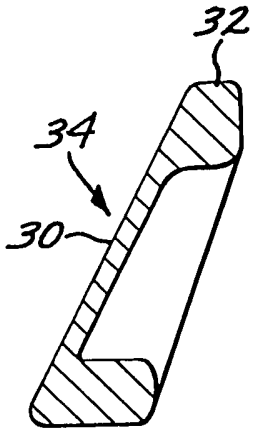


FIG 3B

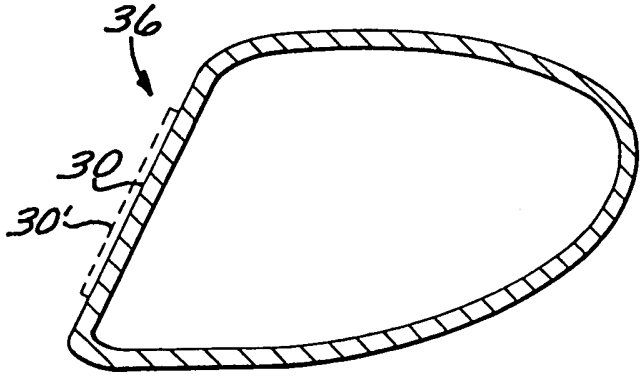


FIG. 3C

FIG. 4

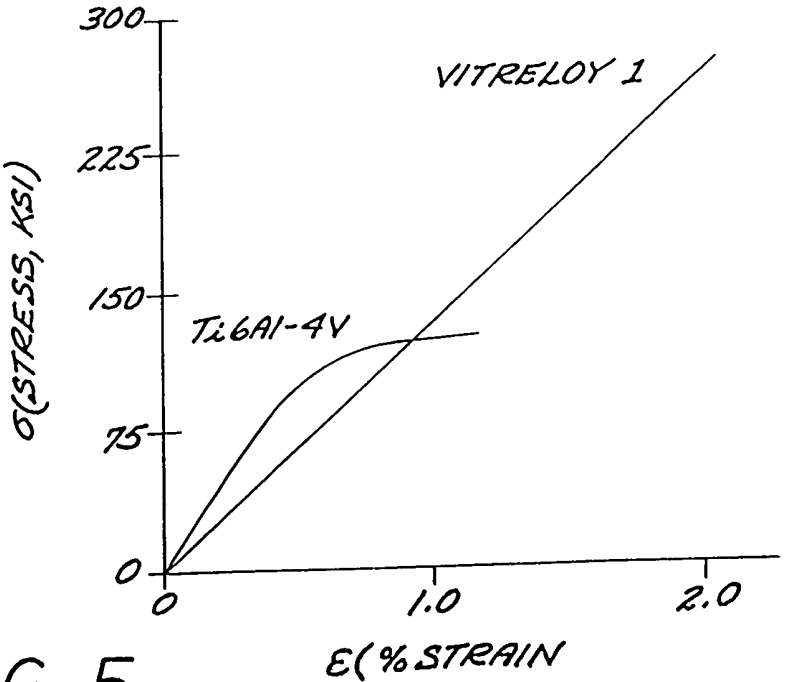
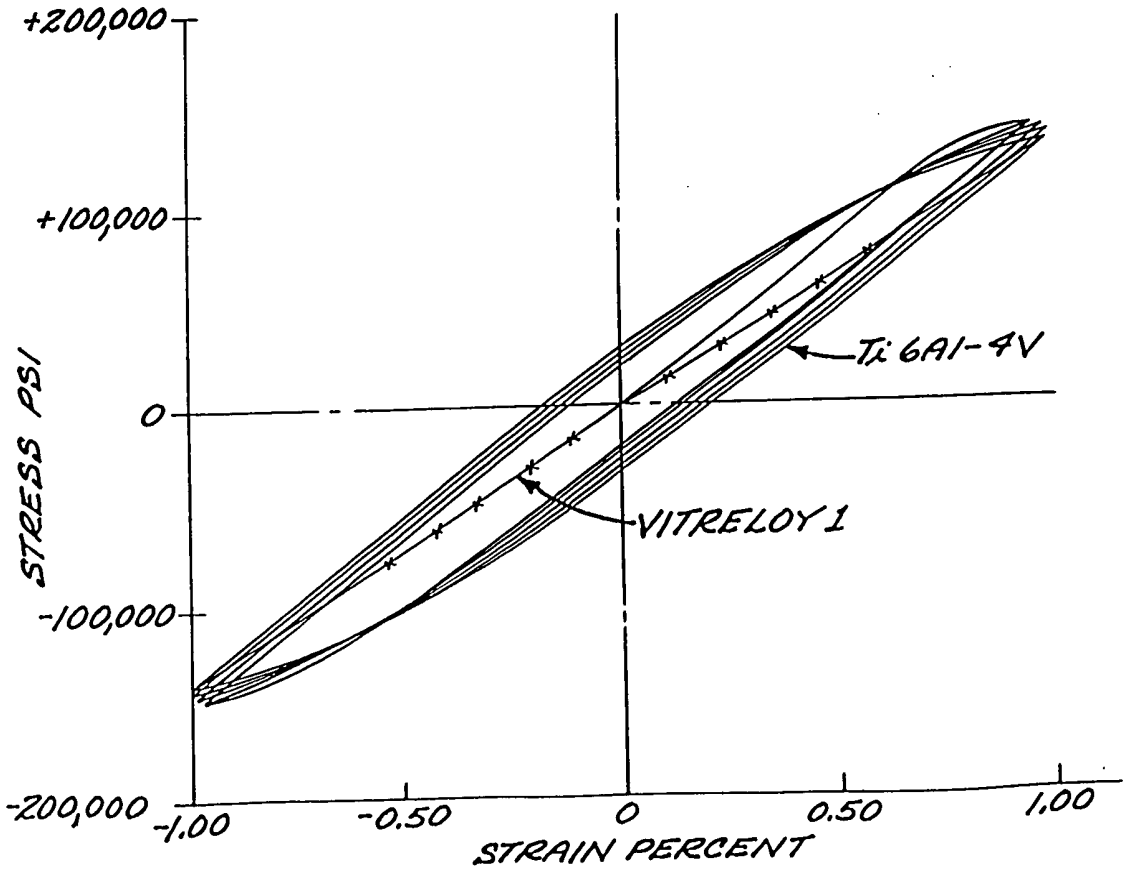

300
225
150
75
0
0
1.0
2.0
VITRELOY 1
Ti 6Al-4V
σ(STRESS, KSI)
ε(% STRAIN

FIG. 5


+200,000
+100,000
0
-100,000
-200,000
-1.00
-0.50
0
0.50
1.00
Ti 6Al-4V
VITRELOY 1
STRESS PSI
STRAIN PERCENT

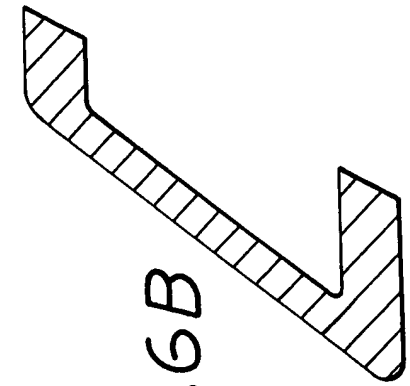


FIG.6B

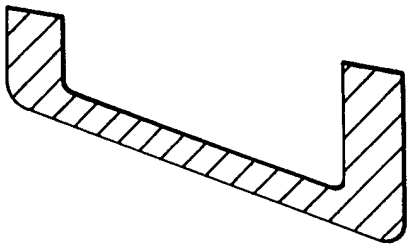


FIG.6A

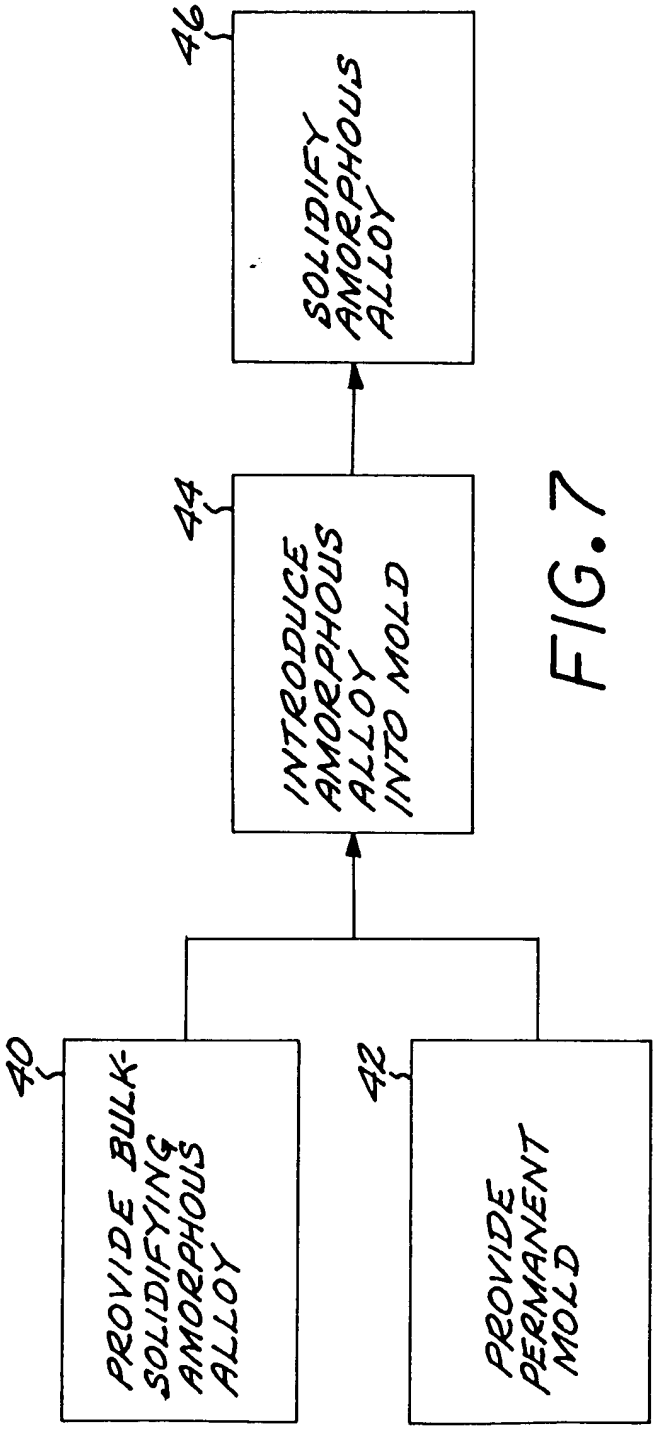


FIG. 7